Index of Claims

| Appl | ication | /Contr | ol No. |
|------|---------|--------|--------|
|------|---------|--------|--------|

10/830,048 Examiner

Jimmy T. Vu

Applicant(s)/Patent under Reexamination

BREUER ET AL.

Art Unit

2821

| <b>√</b> | Rejected |
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| _        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Restricted                     |

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| ı | Interference |

| A | Appeal   |
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| Cla         | aim      |  |                  |          | Da       | ate    |          |  |               | Cla          | aim      |                 |          |          | Date     |               |        |               | С            | laim     |                 |  |          | ate             |               |        |        |
|-------------|----------|--|------------------|----------|----------|--------|----------|--|---------------|--------------|----------|-----------------|----------|----------|----------|---------------|--------|---------------|--------------|----------|-----------------|--|----------|-----------------|---------------|--------|--------|
|             |          |  |                  | Т        | Т        | Τ      |          | $\Box$   | 7             |              |          |                 | T        |          | Π        |               |        |               | П            |          |                 |  |          | T               | T             | Т      | 1      |
| Final       | Original | 6/8/05   |                  |          | ı        |        |          |  |               | Final        | Original |                 |          |          |          |               |        |               | Final        | Original |                 |  | Ιi       |                 |               |        |        |
| iE          | rig      | 8  |                  |          |          |        |          | ŀ  |               | 這            | jr       |                 |          |          | ΙÍ       |               |        |               | 定            | Ĕ        |                 |  | li       | ļ               | - 1           |        |        |
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|             | 1        | 1  |                  | Ť        | $\top$   | T      |          |  | <b>⊤</b> !!!! |              | 51       | $\Box$          | $\top$   | $\top$   | П        |               |        |               |              | 101      |                 |  | П        |                 | -             | Т      | $\top$ |
|             | 2        | 0  |                  | +        | ╁        | 1      | 1 1      |  | 7::::         |              | 52       |                 | $\neg$   | $\top$   |          |               | $\top$ |               |              | 102      |                 | $\top$   | П        |                 | $\neg$        | Т      | $\neg$ |
|             | 3        | 0  |                  | $\top$   | 7        | $\top$ |          |  | 7             |              | 53       | $\Box$          |          |          | П        |               | 11     | 7             |              | 103      |                 | $\top$   |          | $\neg$          | $\neg \vdash$ | Т      | $\top$ |
|             | 4        | 0  |                  | _        | 十        |        | $\top$   |  | 7             |              | 54       |                 |          | $\top$   | П        |               | $\Box$ |               |              | 104      |                 | $\neg \neg$                                      | П        | $\Box$          |               | Т      | $\top$ |
| -           | 5        | 0  | $\dashv$         | 7        | T        | $\top$ | $\top$   |  | 7             |              | 55       | $\neg$          |          | 1        | П        |               | TT     | 7             |              | 105      |                 | $\top$   |          |                 |               | T      | $\neg$ |
|             | 6        | 1  | $\top$           | 7        | 7        | 十      | $\Box$   |  | 7             |              | 56       |                 | $\neg$   | 1        | П        | $\neg \vdash$ | $\top$ |               |              | 106      |                 |  | П        |                 |               | T      |        |
|             | 7        | 1  |                  | 十        | +        | $\top$ | 17       |  | 7             |              | 57       |                 | $\top$   | 1        | П        | $\neg$        | $\top$ |               |              | 107      |                 |  |          |                 | $\neg$        | Т      |        |
|             | 8        | 0  | $\Box$           | T        | T        | 1      | $\top$   |  | 7             |              | 58       |                 | $\top$   | 1        |          |               |        |               |              | 108      | П               | $\top$   | П        |                 | T             | $\top$ |        |
|             | 9        | 1  |                  | Ť        | $\top$   | 1      | T        | $\Box$   | 7             |              | 59       |                 |          | $\top$   | П        | $\neg$        | 11     | <b>-</b>      |              | 109      |                 | 1  |          |                 |               | 丁      | $\top$ |
|             | 10       | 0  |                  | 十        | 1        | $\top$ | П        |  | 7             |              | 60       |                 | $\dashv$ | T        | П        |               | 77     |               |              | 110      |                 |  |          |                 | T             | $\top$ | $\neg$ |
| $\vdash$    | 11       | 0  | $\vdash$         | $\top$   | 十        | $\top$ | $\top$   | $\vdash$   | 7             |              | 61       |                 | $\top$   | 1        | $\Box$   | $\neg$        | 77     | 7.            |              | 111      |                 | 1  | П        | $\neg$          | $\neg$        | 丅      | 7      |
|             | 12       | 1  | $\sqcap$         | 1        | 十        | $\top$ | $\top$   |  | 7             |              | 62       | $\Box$          |          | $\neg$   | $\Box$   | $\neg$        | 1      | 7             |              | 112      |                 |  | П        |                 | 7             | T      | 丁      |
|             | 13       | Т  | $\vdash$         | _        | $\top$   | 1      | $\sqcap$ |  |               |              | 63       | $\Box$          |          | $\top$   | П        | $\neg$        | 1 1    | 7             |              | 113      | $\Box$          |  | П        |                 |               | $\top$ | $\top$ |
|             | 14       | Т  | $\vdash$         | $\top$   | +        | ╅      | $\top$   |  | 7             |              | 64       | $\Box$          | $\neg$   | $\top$   | П        | $\neg$        | $\top$ |               |              | 114      | $\Box$          | 1  | П        | $\Box$          | $\dashv$      | $\top$ | 丁      |
| $\vdash$    | 15       | Н  | $\vdash$         | +        | _        |        | $\vdash$ |  |               | <b></b>      | 65       |                 |          | 1        | $\Box$   |               | 1      | 7             | $\vdash$     | 115      |                 | _  | П        | $\Box$          | 一             | $\top$ | $\top$ |
|             | 16       | $\vdash$   |                  | $\top$   | 十        | $\top$ | 17       |  | 7             |              | 66       | $\vdash$        | $\top$   | 1        | $\Box$   | 十             | 11     | 7             |              | 116      |                 | 丁  | П        |                 | $\dashv$      | $\top$ | $\top$ |
|             | 17       | $\vdash$   | $\vdash$         | 十        | 十        | 1      | $\top$   | $\vdash$   | 7             |              | 67       | $\Box$          | $\dashv$ |          |          |               | 11     | 7!!!          |              | 117      |                 | 1  | П        |                 |               | 十      | ┪      |
|             | 18       |  |                  | 十        | _        | $\top$ | 1        | $\vdash$   | 7             | <b></b>      | 68       | $\Box$          | $\dashv$ | +-       | 11       | _             |        | <b>-</b>  !!! | $\vdash$     | 118      | $\Box$          |  |          |                 |               | $\top$ | $\top$ |
|             | 19       | -  | -                | +        | +        | +      | +        |  | ┧             | <u> </u>     | 69       |                 | _        | $\top$   |          |               | $\top$ | <b>-</b>      | $\vdash$     | 119      | $\Box$          | <del>                                     </del> | $\vdash$ | $\neg$          |               | 十      | $\top$ |
| <u> </u>    | 20       | -  | -                | +        | +        |        |          |  | ┧             | _            | 70       | $\vdash$        | $\neg$   | $\top$   | Н        |               | $\top$ | ⊣:::          | -            | 120      | $\vdash$        | $\top$   | $\vdash$ |                 |               | 十      | $\top$ |
| <u> </u>    | 21       | $\vdash$   | 1                | +        | +        | _      | 1        |  | 7             | $\vdash$     | 71       | $\vdash$        |          | $\top$   | Ħ        | _             |        | 7:::          |              | 121      | $\vdash$        | 1  | П        |                 |               | $\top$ | $\top$ |
|             | 22       | $\vdash$   |                  | +        | $\top$   | _      | +        | <del>                                     </del> | ١             | <del> </del> | 72       | $\vdash$        |          | $\top$   | Н        | _             | +      |               |              | 122      | $\vdash$        | $\top$   | $\vdash$ |                 | $\neg$        | $\top$ | +      |
|             | 23       |  |                  | $\dashv$ | +        | _      | 1-       |  | اااا          |              | 73       |                 | $\dashv$ | $\top$   | Н        |               | 1 1    | $\neg$        | -            | 123      | $\Box$          |  |          |                 |               | $\top$ | 1      |
| <u> </u>    | 24       | _  | $\vdash$         | +        | +        | +      | +-       | $\vdash$   | -             | $\vdash$     | 74       |                 | _        | +-       | 1        | $\dashv$      | $\Box$ | $\dashv$      | _            | 124      |                 | $\dashv$   | _        |                 | 十             | +      | 十      |
| <u> </u>    | 25       | $\vdash$   | H                | +        | +        |        | +-       | <del>                                     </del> | ┨Ш            | $\vdash$     | 75       | $\vdash$        | _        | $\dashv$ | $\Box$   | $\dashv$      | 1      | -             |              | 125      |                 | $\dashv$   | $\vdash$ | П               | $\neg$        | +      | $\top$ |
|             | 26       | $\vdash$   | $\vdash$         | +        | ╅        | +      | +-       | $\vdash$   | ,             | <del></del>  | 76       | $\vdash$        | $\dashv$ | _        | $\vdash$ |               | +      | -1:::         | $\vdash$     | 126      |                 |  |          |                 |               | $\top$ | $\top$ |
|             | 27       |  | H                | +        | +        |        | +        |  | -             |              | 77       | $\vdash$        | _        | 1        | 1        | _             | $\top$ | $\neg$        |              | 127      |                 | +  | $\vdash$ | $\Box$          | 十             | 十      | 十      |
|             | 28       | ╁  | $\vdash$         | +        | +        | +-     | +        |  | -             | <u> </u>     | 78       | $\vdash$        | +        | _        | 1 1      | _             | + +    | -1            |              | 128      |                 | -  | $\vdash$ | $\Box$          | 十             | +      | +      |
| <u> </u>    | 29       | -  | $\vdash$         | +        | +        | +      | +        |  | -             | <u> </u>     | 79       | $\vdash$        | $\dashv$ | +-       | $\vdash$ | $\dashv$      | +      |               | 1            | 129      | $\vdash$        |  |          |                 |               | 十      | +      |
| <u> </u>    | 30       | ┢  | -                | +        | ╅        | +      | +-       | $\vdash$   | -             | -            | 80       | $\vdash$        | +        | +        | $\vdash$ |               | Ħ      | ⊣:::          | -            | 130      | $\vdash$        | $\top$   |          |                 | 十             | +      | +      |
| <b></b>     | 31       | -  | $\vdash$         | +        | ╈        | +-     | +        | ╌  | -             | <del></del>  | 81       | $\vdash$        |          | ╅        | $\vdash$ | _             | 1-1    | $\dashv$      | -            | 131      | <del>   </del>  | +  | $\vdash$ | $\neg$          | $\dashv$      | +      | +      |
| <u> </u>    | 32       | $\vdash$   | $\vdash \vdash$  | +        | +        | +      | +        | $\vdash$   | -             | $\vdash$     | 82       | $\vdash$        | +        | +        | 1 -      | _             | +      | $\dashv$      | $\vdash$     | 132      | $\vdash$        | +  | -        | $\vdash$        | 十             | 十      | +      |
| -           | 33       | <del>                                     </del> | $\vdash \vdash$  |          | $\dashv$ | +      | +-       | - -  | -             | $\vdash$     | 83       |                 | +        | +        | +        | $\dashv$      | +      | -             | -            | 133      | $\vdash$        | +  | _        | $\vdash$        | $\dashv$      | 十      | $\top$ |
| $\vdash$    | 34       | $\vdash$   | $\vdash \vdash$  | +        | +        | +      | +-       | $\vdash \vdash$                                  | - ::::        | $\vdash$     | 84       | $\vdash$        | $\dashv$ | +        | $\vdash$ | +             | +      |               | -            | 134      |                 | $\dashv$   |          | $\vdash$        | +             | +      | +      |
| <del></del> | 35       | $\vdash$   | -                | +        | +        | +      | +        |  | 1             | $\vdash$     | 85       |                 | +        | +        | $\vdash$ | $\dashv$      | +      |               |              | 135      | $\vdash$        |  | Т        | $\vdash$        | $\dashv$      | 十      | +      |
| <b>-</b>    | 36       | $\vdash$   | $\vdash \vdash$  | +        |          | +      | +-       | $\vdash$   | -             | $\vdash$     | 86       | $\vdash$        | +        | +-       | ┥        |               | +      |               | -            | 136      | $\vdash$        | +  | H        | $\vdash$        | +             | 十      | +      |
| <b>—</b>    | 37       | $\vdash$   | <del>     </del> | +        | +        | +-     | +        | <del>  -</del>                                   | -             | $\vdash$     | 87       |                 | +        | +        | ╆┤       | $\dashv$      | ╅      | $\dashv$      | $\vdash$     | 137      | -               | $\dashv$   | H        | $\vdash$        | $\dashv$      | +      | +      |
| $\vdash$    | 38       | $\vdash$   | $\vdash$         | +        | ╅        | +-     | +-       | <del>   </del>                                   | -             | <b></b>      | 88       | $\vdash$        | +        | +        | $\vdash$ | $\dashv$      | +      | $\dashv$      | -            | 138      | <del>   </del>  | +  | +-       | $\vdash$        | -+            | +      | +      |
|             | 39       | $\vdash$   | $\vdash$         | $\dashv$ | $\dashv$ | +      | +-       | <del>   </del>                                   | $\dashv$      | $\vdash$     | 89       | $\vdash$        | +        | +        | $\vdash$ | +             | + +    | $\dashv$      |              | 139      | $\vdash$        | +-   | t        | $\vdash$        | $\dashv$      | +      | +      |
|             | 40       | ⊢  | $\vdash$         | +        | +        | +      | +-       | $\vdash$   | ┨Ш            | $\vdash$     | 90       | $\vdash$        | +        | +        | ╁┤       | +             | + +    |               |              | 140      | - -             |  | H        | $\vdash$        | $\dashv$      | 十      | +      |
| <u> </u>    | 41       | $\vdash$   | +                | +        | +        | +      | +-       | $\vdash$   | $\dashv$      | <del> </del> | 91       |                 | +        | +-       | $\vdash$ | -+-           | +-1    | $\dashv$      | $\vdash$     | 141      |                 | +  | $\vdash$ | $\vdash \vdash$ | $\dashv$      | +      | +      |
|             | 42       | <del> </del>                                     | $\vdash$         | +        | +        | +      | +-       | $\vdash$   | $\dashv$      | -            | 92       | $\vdash \vdash$ | +        | +        | $\vdash$ | +             | ++     | $\dashv$      | <del> </del> | 142      | +               | +-   | 1-       | Н               | $\dashv$      | +      | +-     |
|             | 42       | ├  | $\vdash$         | +        | +        | +      | +-       | $\vdash$   | -             | -            | 93       | $\vdash$        | +        | +-       | $\vdash$ | +             | +      | $\dashv$      | $\vdash$     | 143      | +               | -  | $\vdash$ | $\vdash \vdash$ | $\dashv$      | +      | +      |
| <u> </u>    | 44       | ├  | $\vdash \vdash$  | +        | +        | +      | +-       | ++   | -             | <u> </u>     | 94       | $\vdash$        | +        | +        | +        | +             | ┼╌┼    | $\dashv$      | $\vdash$     | 144      | +               | +  | $\vdash$ |                 | $\dashv$      | +      | +      |
| <u> </u>    | 45       | -  | $\vdash$         | +        | +        | +      | +        | ┝┼   | $\dashv$      | $\vdash$     | 95       | $\vdash$        |          | +        | $\vdash$ | -             | +      | $\dashv$      | -            | 145      | $\vdash$        | +  | $\vdash$ | $\vdash$        | $\dashv$      | 十      | +      |
| $\vdash$    | 46       | $\vdash$   |                  | +        | +        | +      | +-       | <del>                                     </del> | -             | $\vdash$     | 96       | ┤┤              | ╌        | +        | $\vdash$ | -+            | ++     |               |              | 146      | 1               | +  |          | $\vdash \vdash$ | $\dashv$      | +      | +      |
| <b></b>     |          | ⊢  | <del>   </del>   | +        | +        | +      | +-       | +  | -             | -            | 97       | ┝╼┼             | +        | +        | $\vdash$ |               | ++     |               |              | 147      | ++              |  | -        | $\vdash$        | $\dashv$      | +      | +      |
| <u> </u>    | 47       | $\vdash$   | $\vdash$         | +        | +-       | - -    | +        | ⊢  | -             | -            | 98       | $\vdash \vdash$ |          | +-       | $\vdash$ | +             | +-     | -             | ╟            | 147      | ++              | +  | ⊢        | $\vdash$        | $\dashv$      | +      | - -    |
| <u></u>     | 48       | -  | ⊢⊹               | +        | +        | ┰      | +-       | <del>   </del>                                   | -             |              | 99       | $\vdash \vdash$ | - -      | +        | $\vdash$ | +             | +      |               | <del> </del> | 149      | -               | +-   | ⊢        | $\vdash$        | $\dashv$      | +      | +      |
| <b>—</b>    | 49       | ⊢  | $\vdash$         |          | +        | +      | +-       | ├  | -             | -            |          | ⊢               |          | +        | $\vdash$ | $-\vdash$     | ╅┥     |               | -            |          | $\vdash \vdash$ |  | $\vdash$ | $\vdash$        | $\dashv$      | +      | +      |
|             | 50       | L_   |                  |          |          |        |          | 1  | _::::         | ــــا:       | 100      | L_1.            | I_       | _ l      | 11       | L             |        |               | ـــــا:      | 150      | $\perp \perp$   |  | 1_       | ıl              |               |        | _ L    |